

Timeless state of gravity: one observer Universe

Monday, 7 September 2020 12:30 (7 minutes)

We consider spacetime foliation, at every given moment according to canonical observers, each with its speed at that moment. Consider a black hole spacetime as a spacetime with horizon. The Universe in that sense look like a sequence of frozen moments like a cartoon movie. The Rindler observer would analyze the ADM formalism as if the shift function N_i equal zero. Therefore, the normal vector \vec{n} to the spatial slice is proportional to the time basis \vec{t} of Rindler frame field with proportionality factor that is equal to the lapse function. This is the only way to make special relativity preferred frames match with general relativity Rindler frame.

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Session Classification: COSMOLOGY, DE, DM, COMPACT STARS, NSs, BHs, GWs, GRAVITY